

Notice of Allowability

Application No.

10/546,004

Examiner

Anne M. Hines

Applicant(s)

ADACHI ET AL.

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 10/19/07.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Response to Amendment

The amendment filed on October 19, 2007, has been entered and acknowledged by the Examiner.

Claims 1-10 are pending in the instant application.

Affidavits

The Examiner acknowledges the receipt of the certified translation of claim 2 of International Application PCT/JP04/018850 of which the instant application is a national stage entry.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lawrence Ashery on January 4, 2008.

The application has been amended as follows:

In the claims:

In claim 1, in line 5, in the phrase "on the front substrate, the display electrode" replace the word "electrode" with --electrodes--.

In claim 2, in the last line, between the phrases "insulated electrically" and "each other." Insert --from--.

In claim 2, at line 1 on page 4, in the phrase "on the front substrate, the display electrode" replace the word "electrode" with --electrodes--.

Allowable Subject Matter

Claims 1-10 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding independent claim 1, the references of the Prior Art of record fail to teach or suggest the combination of the limitations as set forth in claim 1, and specifically comprising the limitation wherein a plasma display panel has a front substrate, display electrodes provided on the front substrate, the display electrodes including a transparent electrode and a bus electrode on the transparent electrode opposite the front substrate, a light-shield formed on a non-discharge area between the display electrodes, and wherein the bus electrode includes at least one black layer with a product of a resistivity and a layer thickness not larger than $2 \Omega\text{cm}^2$ and the light-shield is composed of a black layer with a resistivity of not smaller than $1 \times 10^5 \Omega\text{cm}$ and the light-shield extends from the front substrate along a side of the transparent layer to the black layer.

Regarding claims 3-6, claims 3-6 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Regarding independent claim 2, the references of the Prior Art of record fail to teach or suggest the combination of the limitations as set forth in claim 2, and specifically comprising the limitation wherein a plasma display panel has a front substrate, display electrodes on the front substrate, the display electrodes including a transparent electrode and a bus electrode, a light-shield formed on a non-discharge area between the display electrodes, wherein the bus electrode includes at least one black layer with a product of a resistivity and a layer thickness of not larger than $2 \Omega\text{cm}^2$ and the light-shield is composed of a black layer with a resistivity of not smaller than $1 \times 10^6 \Omega\text{cm}$, and the black layer and the light-shield are composed of the same material and the black layer and light-shield are electrically insulated from each other.

Regarding claims 7-10, claims 7-10 are allowable for the reasons given in claim 2 because of their dependency status from claim 2.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

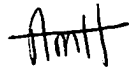
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anne M. Hines whose telephone number is (571) 272-2285. The examiner can normally be reached on Monday through Friday from 8:00-4:30.

Application/Control Number:
10/546,004
Art Unit: 2879

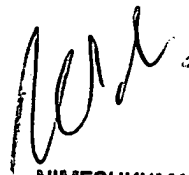
Page 5

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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Patent Examiner
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